

# PRODUCT DATA SHEET

## SikaGrind® MC-120

### CEMENT ADDITIVE / AIR ENTRAINER

#### DESCRIPTION

SikaGrind® MC-120 is a liquid cement additive that has been specifically formulated to provide air entrainment to masonry cements.

#### USES

SikaGrind® MC-120 has been specifically formulated to:

- Improve the cement performance of masonry mortar and concrete.
- Improve stability of entrained air.
- Improve watertightness

#### CHARACTERISTICS / ADVANTAGES

SikaGrind® MC-120 provides the following characteristics:-

- Proven performance and control of entrained air.
- Improved handling and flow characteristics.
- Improved plasticity and workability
- Reduced shrinkage and segregation

SikaGrind® MC-120 gives the following advantages to the finished cement: -

- Improved handling and flow characteristics

#### PRODUCT INFORMATION

<b>Packaging</b>	210 liter drum and 1000 liter bulk
<b>Appearance / Colour</b>	Light brown liquid
<b>Shelf Life</b>	12 months from date of production if stored in unopened and undamaged original sealed containers.
<b>Storage Conditions</b>	Protect from direct sunlight and moisture and store at temperatures between +5°C and +25°C.
<b>Density</b>	Approximately 1.02 kg/liter
<b>pH-Value</b>	6.5 ± 1.0
<b>Recommended Dosage</b>	0.2 – 0.8 kg/ton by weight of cement (cement clinker + additions)
<b>Compatibility</b>	Sika® Admixtures: <ul style="list-style-type: none"> <li>▪ Compatibility information available on request</li> </ul> Cements: <ul style="list-style-type: none"> <li>▪ All cement combination</li> </ul>
<b>Dispensing</b>	<ul style="list-style-type: none"> <li>▪ SikaGrind® MC-120 should be dispensed through suitable calibrated Equipment</li> <li>▪ SikaGrind® MC-120 is to be added into the grinding mill (first compartment) or onto the clinker (raw material) on the conveyor belt.</li> </ul>

## LIMITATIONS

Support from our Technical Department is recommended

## BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

## ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

## LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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